



## ***SAFETY***

### ***GENERAL SECTION 2***

**2.1 Safety.** Personnel of this Division shall at all times practice the rules of safety. Copies of the "Safety Rules and Regulations Governing Employees and Equipment" are available in the District Office and the Central Support Division Office. These rules must be read and practiced.

**2.1.1** Hard hats or other protective devices should be worn when conditions warrant and shall be worn when required by department policy. Loose clothes should NOT be worn around moving machinery. Extreme care must be taken when moving drilling equipment near power lines.

**2.1.2** In order to obtain a sample, it is sometimes necessary for the person taking the sample to be in a hazardous location and extreme caution should be exercised. Frequently, samples are taken in the vicinity of, or from, heavy equipment and the person taking the sample must know the equipment's operation for proper protection. The operator of the equipment should always be told when sampling is being started and when it is finished.

**2.1.3** Standard Specification Sec 106 states that "Every reasonable facility shall be furnished for the procurement of samples, performance of the tests, and for the protection of testing equipment and supplies when tests are made at the source of production." The word "reasonable" means not only that the sampling facilities permit obtaining proper samples, but also that these facilities are safe. Standard Specification Sec 106 further states "The Commission will refuse to provide plant inspection at sources where adequate safety measures are not provided and maintained." Unsafe conditions shall be brought to the attention of the producer. If these conditions are not immediately corrected, the producer is to be notified in writing over the District Engineer's signature, of the specific unsafe condition and informed that plant inspection will not be provided until the condition has been corrected.

**2.1.4** Some specific items to consider when sampling are:

- (a) Make sure that ladders and scaffolding are adequate and secure.
- (b) Keep away from unguarded moving parts.
- (c) Allow no smoking or fire in the vicinity when handling volatiles.
- (d) When sampling at asphalt plants, handle asphalt mixes carefully because of their high temperatures.
- (e) When sampling from chutes, be careful that the weight of the material hitting the sample container does not cause a loss of balance.
- (f) Goggles should be worn if there is danger of injury to the eye during sampling and/or testing. Particular care should be utilized when handling asphalt, cement, solvents, and acids.
- (g) Use respirators if an excessive amount of dust or fumes is present.
- (h) Protective headgear shall be worn at all locations where the contractor or producer requires their employees to wear protective headgear.

**2.1.5** The inspector shall at all times observe the safety code and rules in force at the plant or location where the inspection is to be performed. The most helpful safety rule to follow is common sense. No written instructions can cover all conditions which will be encountered. Therefore, safety is dependent to a great extent on personal care.

